

IMAGE COMPRESSION SYMPOSIUM

February 4 – 7, 2002

Stonegate Facility

Chantilly, VA



STANDARDS and INTEROPERABILITY

Enhancing Imagery Standardization.....

Sponsored and Hosted By:

NIMA/PIC

Standards and Interoperability Office

Security Clearances

Security

The level of the meeting is Unclassified, however, the area is accredited for SI/TK/B. Please pass all 3 accesses to exclude you from being escorted. SCI clearance should be faxed to Mr. Wes Milburn secure (703) 934-8386 or unclassified (703) 293-4465. If you do not have the clearance and accesses mention above, you will require an escort. If there are security questions, contact Kevin Gardner at 703-293-4678 unclassified or (703) 853-5678 classified.

Please send clearance information by COB Monday, January 14, 2002.

The Stonegate Facility is a controlled area. Facility entry will require positive identification so please have your ID available. Please be sure your Government Issue photo ID (Military ID, Contractor ID or Driver's License only) is current. An expired ID card will be of no use.

The following items are not allowed in the building: **Cellular Phones, Personal Cameras, Recording Devices (tape recorders), Transmitting devices, Personal laptops, PDAs, Alcohol, and Weapons**

Unattended Items

Please remember that any items not allowed in the building must remain in your vehicle. Security personnel in the building are not allowed to receive from and/or store items of any sort for visitors. **No firearms will be allowed in the facility.** Please save yourself a trip back out to your vehicle by making sure prohibited items are left behind.

Please Note:
Only those individuals who have pre-registered will be allowed access into the Stonegate facility.

Individuals without clearances will not be admitted into the building.

Items of Interest

The Symposium is open to US citizens and Foreign Nationals with Bi-Lateral US Agreements. All Foreign National attendees must send their name, organization/company, passport no., date of birth, and citizenship to security. All attendees must send the Attendance form to Ms. Lovie Brandon and Mr. Jerry Johnston by January 14, 2002. The telephone number for Ms. Brandon and Mr. Johnston is 314-263-4567 and email is ntbchair@nima.mil

The NIMA Imagery Standards branch, NIMA/PIC, will host the conference. It will be under the direction of Mr. Gordon Ferrari, Chief of PIC and Chairman of the Imagery Standards Management Committee (ISMC).

Facility

The Stonegate Facility capacity is approximately 150. If the responses to the conference should exceed that capacity organizations may be limited to a predetermined number of attendees.

Accommodations

Lodging information and maps to the facility are provided as part of this packet. There are several Hotels in the immediate area. Please make your arrangements in advance. For hotels located in the area, you may use the link below.

<http://edit.travel.yahoo.com/config/ytravel?resform=YahooHotelsTql>

There will be coffee and snacks provided; contributions will be expected. Meeting attendees will be responsible for getting his/her lunch. There are several restaurants located near the Stonegate Facility.

Call for Papers

Our intent for this Compression Symposium is to inform attendees of JPEG2000 Image Compression activities that are occurring throughout the community. This Call for Papers is to invite the Services, Commands and other Agencies to submit their compression requirements that they would like to present. If you wish to make a presentation please submit your abstract and the attached Presentation Submission Form by January 14, 2002.

Presentations will be made available after the conference via the ISMC website <http://164.214.2.51/protected/>

For general information on JPEG2000, go to website <http://www.jpeg.org>

Failure to provide a softcopy of your briefing will prevent us from including it on the ISMC website.

Compression Symposium Synopsis

The Compression Symposium will describe the current and future compression capabilities for still imagery. The future of compression for NIMA and commercial partners will be discussed with the emphasis on JPEG2000 (ISO/IEC 15444). Impacts, implementation, options and applications will be presented by various organizations. Historical perspectives will be presented to describe the current compression algorithms and what imagery compression has provided. Geospatial accuracy, compression precision, bandwidth expectations, and customer requirements will be discussed. The role of standardization and the requirements for interoperability will be presented. Several international perspectives will be provided along with the required formats for library access and dissemination.

Guidelines for Presentations

Presentations will be limited to 30 minutes in length. Topics for consideration include, but are not limited to; Command, Services and Agencies presentations on current image compression practices, issues, and concerns. Presentations will be scheduled for Wednesday, February 6, 2002 and Thursday, February 7, 2002.

NITFS and Compression Tutorials

Tutorials on the National Imagery Transmission Standard (NITFS) and on the congressionally - mandated compression technology JPEG2000 will be provided on Monday and Tuesday respectively (February 4 – 5, 2002). These tutorials will provide the attendees with a working knowledge of NITF and JPEG2000 requirements and capabilities. The tutorials are highly recommended for those who have questions regarding the NITF and JPEG2000 Compression Standards.

If you wish to make a presentation or attend the Image Compression Symposium, complete the appropriate form and return it by January 14, 2002 to Ms. Lovie Brandon via email at BrandonL@nima.mil

**Image Compression Symposium
Presentation Submission Form**

Name: _____ Organization: _____

Please check all that apply: Poster ☐ Briefing Presentation ☐

Title: _____

Presentation Length: 15 Minutes ☐ 20 Minutes ☐ 30 Minutes ☐

Briefing Presentation Media Required: Overhead Projector ☐ Video Tape ☐ Power Point ☐

Briefing Classification: UNCLASSIFIED ☐ SECRET ☐

**Image Compression Symposium
Attendance Submission Form**

Name: _____

Organization: _____

Title: _____

Organization Address: _____

Telephone Number: _____

Email Address: _____

Attendance Requested for: NITFS Tutorial ☐ JPEG Tutorial ☐ Compression Symposium ☐

Westfields Lockheed Martin
StoneGate I, Conference Theater
15050 Conference Center Drive
Chantilly, VA 20151

Directions from Southern Virginia:

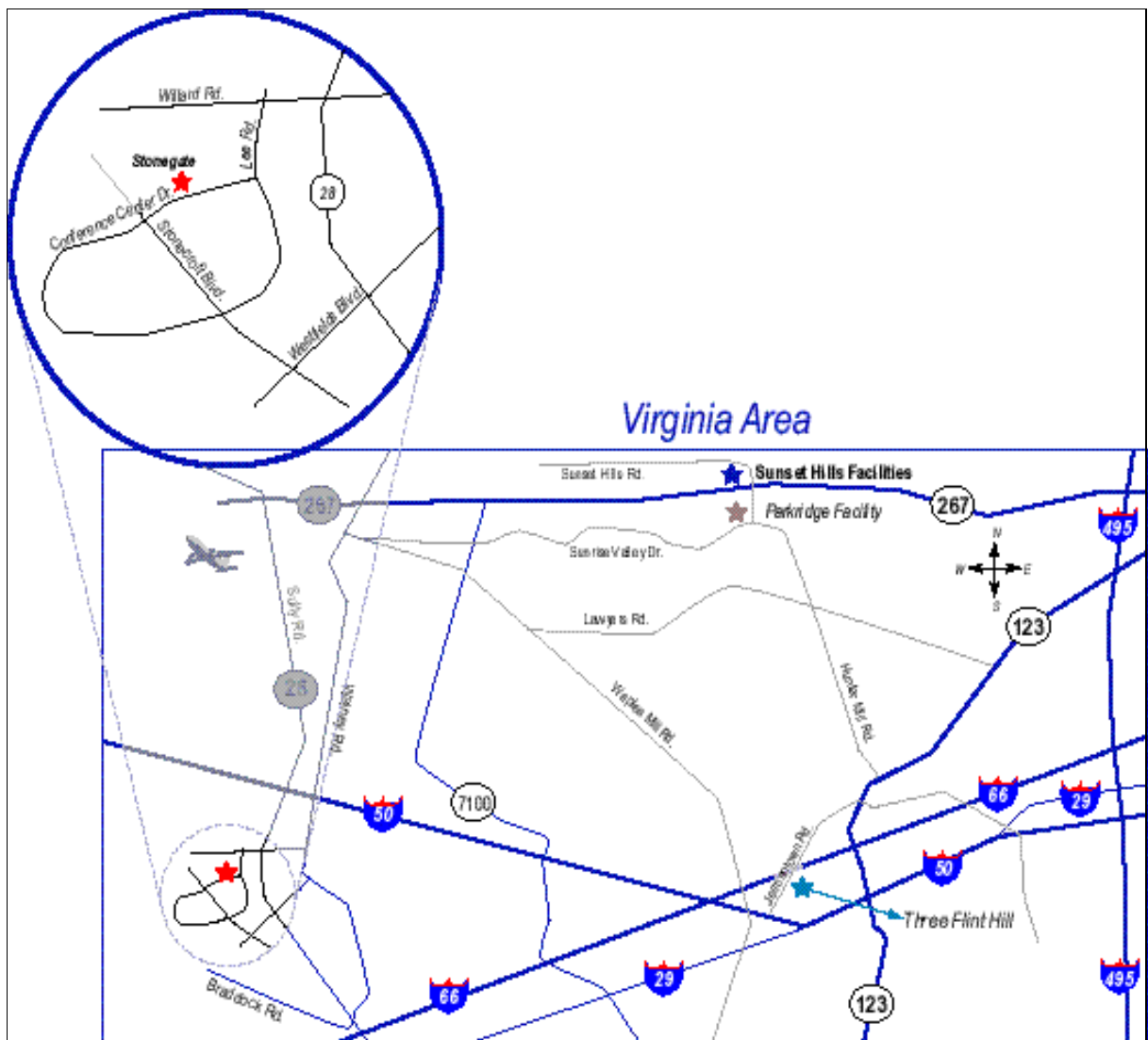
Take I-95 North toward Washington, DC
Stay straight onto I-395
Take I-95 North, exit 170B, toward Rockville
Take I-66 West, exit number 9A (on the left), toward Vienna/Front Royal
Take VA-28, exit number 53B, North toward Dulles Airport
Keep right at the fork in the ramp to VA-28
Turn left onto Westfields Boulevard (3rd traffic light)
Turn first right onto Stonecroft Boulevard
Keep straight about ¼ mi and turn right onto Conference Center Drive
Lockheed Martin Building is on your left

Directions from Washington, DC:

Take I-66 West
Take VA-28, exit number 53B, North toward Dulles Airport
Keep right at the fork in the ramp to VA-28
Turn left onto Westfields Boulevard (3rd traffic light)
Turn first right onto Stonecroft Boulevard
Keep straight about ¼ mi and turn right onto Conference Center Drive
Lockheed Martin Building is on your left

Directions from Dulles Airport:

Proceed out of airport to Route 267 (Dulles Toll Road)
Take exit 9a for Route 28 (Sully Rd) toward Centreville (exit on right)
Turn right on Westfields Blvd (about 7 mi; 6th traffic light)
Take first right onto Stonecroft Blvd
Keep straight about ¼ mi and turn right onto Conference Center Drive
Lockheed Martin Building is on your left



Stonegate Area Map

Hotel Information (Stonegate Conference Center, Chantilly, VA)

1. Marriott Westfields Conference Center
Chantilly, VA
1-800-228-9290
2. Courtyard Dulles by Marriott
Chantilly, VA
1-800-321-2211
3. Towneplace Suites by Marriott
Chantilly, VA
1-800-257-3000
4. Springhill Suites Centerville by Marriott
Centerville, VA
1-888-287-9400
5. Fairfield Inn Dulles Chantilly South by Marriott
Chantilly, VA
1-800-228-2800
6. Residence Inn Fair Lakes by Marriott
Fairfax, VA
1-800-331-3131
7. Washington Dulles Airport Marriott
Washington Dulles Airport
1-800-228-9290
8. Fairfield Inn Dulles Airport/Sterling by Marriott
Sterling, VA
1-800-228-2800
9. TownePlace Suites Washington Dulles Airport by Marriott
Sterling, VA
1-800-257-3000
10. Washington Dulles Marriott Suites
Herndon, VA
1-800-228-9200
11. Courtyard Herndon/Reston by Marriott
Herndon, VA
1-800-321-2211

12. SpringHill Suites Herndon/Reston by Marriott
Herndon, VA
1888-287-9400

13. Residence Inn Herndon/Reston by Marriott
Herndon, VA
1-800-331-3131

Additional Hotels:

14. Candlewood Suites Herndon
Herndon, VA

15. Hyatt Dulles
Herndon, VA

16. Homewood Suites Dulles Airport
Herndon, VA

17. Hampton Inn Dulles Airport South
Chantilly, VA

18. Dulles Airport 450 Club Days Inn
Herndon, VA

19. Country Washington Dulles
Sterling, VA

20. Homestead Dulles North
Sterling, VA

21. Homestead Dulles South
Chantilly, VA

22. Holiday Inn Express Washington Herndon
Herndon, VA

23. Homestead Reston
Reston, VA

24. Hyatt Regency Reston
Reston, VA